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FROM THE DIRECTOR'S OFFICE

United States
Department of
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Science and
Education
Administration

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No. 12

SEA's Budget for 1982

The Executive Budget for FY 1982, as recommended by the present Administration has been transmitted to the Congress.

The budget proposed by the present Administration for the Science and Education Administration reached the billion mark (\$1,006,765,000) in FY 1982, a first for the agency. By SEA unit, the total SEA Budget request is broken down as follows:

Agricultural Research - \$427.6 million, an increase of \$23.6 million above 1981;

Cooperative Research - \$232.5 million, an increase of \$31.4 million above 1981;

Extension - \$305.1 million, an increase of \$12.6 million above 1981;

Human Nutrition - \$32.2 million, an increase of \$2.6 million above 1981;

Technical Information Systems - \$9.4 million, an increase of \$.5 million above 1981;

Higher Education - \$11.5 million eliminated.

Overall, the budget proposed for SEA in FY 1982:

- . Will rise by \$153.3 million above 1980 and \$59.1 million above 1981.
- . Reflects a 7% increase for research.
- . Provides SEA and its State cooperators with additional monies to partially offset the effects of inflation on programs.
- . Allows for some growth in high priority research programs designed to increase agricultural productivity and efficiency. Further increases are proposed for IPM, aerospace technology (AgRISTARS), animal protection, others.
- . Supports work of other agencies who rely on research data to improve the quality of their action programs and regulatory process.
- . Emphasizes support for the research being performed by SEA cooperators (State Experiment Stations, Forestry Schools, others).

Following are breakdowns for program areas (\$ in 000):

SEA Unit	FY 1981	FY 1982	Change	(%) Percent Change over FY 1981
<u>Agricultural Research</u>	\$403,965 ^{1/}	\$ 427,555 ^{2/}	\$ +23,590	5.8
<u>Human Nutrition</u>	29,601	32,243	+ 2,642	8.9
Subtotal, AR Appropriation.....	433,566	459,798	+26,232	6.1
<u>Cooperative Research:</u>				
Hatch Act.....	128,615	146,609	+17,994	14.0
McIntire-Stennis.....	10,774	12,281	+ 1,507	14.0
1890's & Tuskegee.....	19,270	21,992	+ 2,722	14.0
Special Research Grants.....	17,076	19,515	+ 2,439	14.3
Alcohol Fuels-Sec 1419.....	500	540	+ 40	8.0
Native Latex Act.....	650	702	+ 52	8.0
Competitive Research Grants.....	16,000	29,000	+13,000	81.0
Animal Health & Disease (1433)..	6,500	--	- 6,500	- 100.0
Title V, Rural Development.....	--	--	--	
Fed. Admin.(Direct).....	1,698	1,837	+ 139	8.0
Subtotal, Cooperative Research	201,083	232,476	+31,393	15.6
<u>Extension:</u>				
Smith-Lever 3(b) & (c).....	205,448	214,259	+ 8,811	4.3
1890's & Tuskegee.....	11,250	11,771	+ 521	4.6
Smith-Lever 3(d):				
Pest Management.....	7,435	8,031	+ 596	8.0
Pesticide Impact.....	1,805	1,950	+ 145	8.0
Farm Safety.....	1,020	--	- 1,020	- 100.0
Urban Gardening.....	3,000	--	- 3,000	- 100.0
Energy.....	300	324	+ 24	8.0
EFNEP.....	55,017	59,424	+ 4,407	8.0
Non-Point Pollution.....	--	1,404	+ 1,404	100.0
Payments to D.C. Extension.....	910	983	+ 73	8.0
Federal Administration.....	6,355	6,964	+ 609	9.6
Subtotal, Extension.....	292,540	305,110	+12,570	4.3
<u>Higher Education</u>	11,500	--	-11,500	- 100.0
<u>Technical Information Systems</u>	8,930	9,381	+ 451	5.1
Total, SEA.....	947,619	1,006,765	+59,146	6.2

^{1/} Includes: Construction (\$12,100) and Trust Funds (\$1,017)

^{2/} Includes: Construction (\$3,900) and Trust Funds (\$1,017)

Decision Unit Breakdown

	1981	Program Changes	1982 Proposed
Crop Productivity.....	\$ 170,223	\$ +17,445	\$ 187,668
Crop Protection.....	119,732	+ 9,616	129,348
Animal Productivity.....	74,213	+ 9,088	83,301
Animal Protection.....	80,518	+ 451	80,969
Food Quality and Safety.....	54,485	+ 6,286	60,771
Food Protection, Distribution & Exports.....	36,864	+ 2,235	39,099
Technology and Safety of Non-Food Agricultural Products.....	30,792	- 3,739	27,053
Economics, and Farm Management.....	18,949	+ 97	19,046
Human Nutrition.....	89,268	+ 9,478	98,746
Family and Consumer Development.....	45,501	+ 1,507	47,008
Youth Development (4-H).....	78,746	+ 3,854	82,600
Rural and Community Development.....	29,231	+ 972	30,203
Land and Water Resources.....	72,717	+10,084	82,801
Forestry and Range Resources.....	25,350	+ 1,521	26,871
Technical Information Systems.....	8,930	+ 451	9,381
Subtotal.....	935,519	+69,346	1,004,865
Construction (non-recurring).....	12,100	-10,200	1,900
Total.....	947,619	+59,146	1,006,765

Integrated Pest Management, Integrated Reproductive Management Projects Selected

SEA and its partners in the States have selected two areas of work for intensive joint State-Federal planning. They are Integrated Pest Management (IPM) and Integrated Reproductive Management (IRM).

Although IPM programs have generally been successful, State and Federal administrators see a possibility of enhancing IPM's value to producers by more intensive planning and coordination of IPM activities in Research and Education.

IRM is a new concept, based on the successful principles of integrated pest management. Its goal is to improve the reproductive efficiency of livestock and poultry thereby increasing profitability for producers and insuring an ample supply of animal and poultry products for consumers.

This intensive planning effort will result in increased research and education efforts to improve animal reproduction through nutrition, disease and insect control, housing, genetic selection and proper management during reproduction.

Curtis Absher of the SEA Program Planning Staff, is coordinating the IRM planning effort, while Jack Schaffer also of SEA Program Planning Staff is responsible for the new IPM planning thrust.

Industry representatives will also be included in these State-Federal planning efforts that will further demonstrate the effectiveness of joint approaches at problem solving.

Livestock Protection and Production Symposium Planned

"Systems Approach to Animal Health and Production," a symposium focusing on the multi-disciplinary approach to livestock protection and production is planned for March 31 to April 2 at the University of Kentucky, Lexington.

SEA and the University of Kentucky are jointly sponsoring this symposium which is aimed at defining research and education needs and encouraging interdisciplinary research and extension programs that will improve animal health.

For further information on the symposium contact Dr. Fred W. Knapp, Department of Entomology, University of Kentucky, Lexington, Ky., 40436. His telephone number is (606) 258-4961.

SEA Managers Meet With USDA Advisory Committee on EEO

The USDA Citizens Advisory Committee on Equal Opportunity met with SEA managers in December to discuss how SEA programs, services and hiring practices meet equal opportunity objectives.

The committee represents various interests, including farmers, ranchers, agricultural industrialists, educators, farm and minority organizations, business groups, women and consumer and health groups. It will soon be making recommendations to SEA and the Secretary regarding SEA's equal opportunity activities.

Analysis of Availability of Home Economists To Be Issued Soon

The Manpower Assessment Project, under the direction of K. Jane Coulter, SEA-Higher Education, with assistance from an advisory group from the States, will issue a report in February on the extent to which graduates of the different academic specializations comprising higher education in home economics and related fields meet present and projected labor force demands.

This will be the second publication of the series Graduates of Higher Education in the Food and Agricultural Sciences: An Analysis of Supply/Demand Relationships.

Eugene McMurtry, Massachusetts Associate Director for Extension, Dies

Eugene McMurtry, who for the past five years was associate director for Extension in Massachusetts, died at his home on Jan. 4.

Prior to going to Massachusetts in 1975, Dr. McMurtry was on the Extension faculty at Virginia Polytechnic Institute and State University, Blacksburg, for 15 years.

He was a fine supporter of Extension education and will be missed by his associates.

Fellows From American Council on Education Join SEA

A Fellow from the American Council on Education's Visiting Executives Program has joined SEA for three months.

Charles P. Condon, associate provost and general counsel at The University of Hartford, Conn., is working with the Office of Higher Education. A graduate of Harvard Law School, Mr. Condon is responsible for dealing on a daily basis with a broad range of issues which are often affected by the actions of federal agencies. While working in SEA, he wants to develop an understanding and appreciation for the policies, procedures and practices of the federal government.

A second fellow, Asa C. Sims, Jr., dean of academic affairs at Southern University in New Orleans, will join SEA later this year. He will be assigned to the Director's Office and the Office of Higher Education. Prior to becoming dean in 1970, Dr. Sims was head of the Division of Science and chairman of the Biology Department at Southern University. In coming to SEA, Dr. Sims will be working to obtain additional knowledge of how government agencies impact academic programs at minority institutions.

SEA-AR National Program Staff Changes

Ralph A. Bram has been selected National Research Program Leader for Insects Affecting Man and Animals. He replaces Donald L. Lindquist, who has joined the International Atomic Energy Agency in Vienna, Austria. Dr. Bram first joined USDA as a research entomologist in 1967.

Clair E. Terrill, National Program Leader for Sheep and Other Animals retired in December after 44 years with USDA. He is continuing to work as a reemployed annuitant with primary responsibility to lead in a study of the sheep industry, and is acting as National Program Leader.

ERRC Director Named

Herbert L. Rothbart has been appointed Director of SEA's Eastern Regional Research Center in Wyndmoor, Pa. Prior to his appointment, he was Chief of the Physical Chemistry Laboratory there.

The new director's focus will be on high technology at the Center, whose primary mission is to ensure high quality, safe, and less expensive agricultural goods for the consumer--fruits, vegetables, meat and byproducts such as leather.

SEA Receives Energy Efficiency Award

The President's Council Award for Energy Efficiency was presented in January to the SEA-AR Snake River Conservation Research Center in Kimberly, Idaho, for measures taken there to reduce energy consumption. Accepting the award from Secretary Bob Bergland were Marvin E. Jensen, a former director of the Center who contributed substantially to decisions which led to the award, and T. J. Army, deputy administrator of the National Program Staff, SEA-AR. We are pleased that this outstanding SEA research group has been selected to receive this national recognition.

SEA Entomologist Receives Distinguished Achievement Award

John E. Henry, SEA-AR entomologist at the Rangeland Insects Laboratory, Bozeman, Mont., is the recipient of the first "Distinguished Achievement Award in Biological Control," presented by the International Organization of Biological Control, Western Hemisphere Regional Section. Dr. Henry received the award for his development of Nosema locustae, a natural disease that affects only grasshoppers and Mormon crickets, as an environmentally safe means of controlling the two insect pests over a long period of time.

Race and National Origin Categories

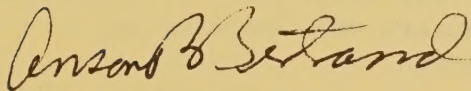
The U.S. Department of Commerce, in May 1978, initiated the requirement for all federal agencies to collect and maintain a common set of race and national origin categories.

Effective January 1, 1981 all agencies and the Office of Personnel Management (OPM) will do a mass conversion for the current "Minority Group Designator" (MGD) in the Central Personnel Data File (CPDF). This conversion must be accomplished by the Department of Agriculture and OPM concurrently. The Director of the Office of Operations and Finance will notify each employee, individually in writing, that a new race and national origin category is being or has been recorded for that employee. The information will be handled and distributed to employees in a confidential and secure manner.

SEA is providing each employee with instructions for resolving and correcting any errors that may appear.

SEA Newsmakers Wins Award

SEA Newsmakers has received the highest award presented by the Society for Technical Communications in the newsletter category. Newsmakers was judged on its writing style, graphics, and ability to reach its intended audience. Winning this award makes Newsmakers a candidate in the Society's international competition next May.



ANSON R. BERTRAND
Director
Science and Education

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